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पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)



पावरग्रिड

India's Best Companies  
To Work For 2016  
THE ECONOMIC TIMES

दक्षिणी क्षेत्र परिषण प्रणाली - II क्षेत्रीय मुख्यालय, आर.टी.ओ. ड्राइविंग टेस्ट ट्रैक के पास  
सिंहनायकनहल्ली, येलाहंका होब्ली, बेंगलूर - 560 064. दूरभाष : 080-23093700

Southern Region Transmission System - II RHQ., Near RTO Driving Test Track, Singanayakanahalli  
Yelahanka Hobli, Bangalore - 560 064. Phone : 080-23093700

REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Ref: SR-II: RTI: F-780:2018/ 1625

Date: 4<sup>th</sup> January, 2019

To

Shri Pa.Vasanth Kumar, Head  
Bharathiya Workers Union – Kovai District,  
5/20-A, Nehru Street,  
Veeriyampalayam,  
Kalappatti Post,  
Coimbatore – 641 048.

Sub: Information sought under RTI Act, 2005 – reg.

Sir,

This has reference to your RTI application dated 08/12/2018 received at this office on 13/12/2018. The information sought in the application is enclosed herewith as Annexure-A.

As per section 19 of the Right to Information Act 2005, if required, you may file an appeal to the First Appellate Authority of the organisation within 30 days of the issue of this order. The address of the First Appellate Authority is given below:

Shri S.Ravi,  
Executive Director (SRTS-II)  
Power Grid Corporation of India Ltd.,  
Near RTO Driving Test Track,  
Singanayakanahalli, Yelahanka Hobli,  
Bangalore 560 064.  
e-mail : [sr2edo@gmail.com](mailto:sr2edo@gmail.com) Tel.No.: 080-23093701

Thanking you,

Yours faithfully,

(V.RAJESH)

General Manager & CPIO

e-mail id: [sr2cpio@gmail.com](mailto:sr2cpio@gmail.com)

Tel.No.: 080-23093711

Encl.: As above

Copy to: ED(SRTS-II), Appellate Authority, POWERGRID, SRTS-II, Bangalore - for kind information.

Copy to: Shri S. Mohan Gandhi, DGM/Palladam TLC

स्वहित एवं राष्ट्रहित मे ऊर्जा बचाएं Save Energy for the Benefit of Self and Nation

पंजीकृत कार्यालय : बी-9, कुतब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016. दूरभाष : 26560112 फैक्स : 011-26601081

कारपोरेट कार्यालय : प्लॉट सं: 02, सेक्टर-29, इफको चौक के पास, गुडगांव (हरियाणा)-122001. फैक्स : 0124-251760

Registered Office : B-9, Gulab Institutional Area, Katwaria Sarai, New Delhi - 110 016. Phone : 26560112. Fax : 011-26601081. Grams : NATGRID

Corporate Office : PLOT No. : 02, Sector-29, Near IFFCO CHOWK, GURGAON (HARYANA) - 122001 Fax : 0124-251760 EPABX : 0124-251700-719

CIN:L40101DL1989GOI038121

## RTI Query dated 08.12.2018 by Shri P. Vasanthakumar, Covai Mavatta Bharathiya Workers Union

SI No	Query	Reply from POWERGRID																																				
01	We need the Survey Number for passing the Transmission line details at CHETTIKAPALAYAM village. Kindly give us the complete list for land details, land owner name list, acquisition land measurement details, survey number, tower number, transmission line details with HVDC capacity	<p>POWERGRID has only USER RIGHT and no acquisition of land is involved in laying Transmission Line. The following towers are to be located in Chettikapalayam village:</p> <table border="1"> <thead> <tr> <th>Tower type</th> <th>Location Number</th> <th>Land S.F number</th> <th>Land owner details</th> </tr> </thead> <tbody> <tr> <td colspan="4">Village: Chettikapalayam</td> </tr> <tr> <td>A+9</td> <td>53/2</td> <td>71/7D</td> <td>Pakkiyanna devar</td> </tr> <tr> <td>D+0</td> <td>54/0</td> <td>362/1A 364/3G</td> <td>Amsaveni Nataraj</td> </tr> <tr> <td>A+0</td> <td>54/1</td> <td>468/3A2</td> <td>Palanisamy vagaiyara</td> </tr> <tr> <td>A+0</td> <td>56/2</td> <td>26/2A</td> <td>Ayyasamy.S/o Palanimalaigounder</td> </tr> <tr> <td>A+0</td> <td>56/3</td> <td>20/2C</td> <td>Palanimalai gounder</td> </tr> <tr> <td>A+0</td> <td>56/4</td> <td>37/8</td> <td>Annadhurai vagaiyara. S/o Sivalingam</td> </tr> <tr> <td>A+0</td> <td>56/5</td> <td>61</td> <td>Muthumanikam</td> </tr> </tbody> </table> <p><u>Note:</u> The above table covers land S.F numbers of tower base only, and the data is purely based on survey undertaken by Revenue department. However, the above list does not cover land S.F numbers falling under stringing corridor, for which Revenue Survey is not yet undertaken</p>	Tower type	Location Number	Land S.F number	Land owner details	Village: Chettikapalayam				A+9	53/2	71/7D	Pakkiyanna devar	D+0	54/0	362/1A 364/3G	Amsaveni Nataraj	A+0	54/1	468/3A2	Palanisamy vagaiyara	A+0	56/2	26/2A	Ayyasamy.S/o Palanimalaigounder	A+0	56/3	20/2C	Palanimalai gounder	A+0	56/4	37/8	Annadhurai vagaiyara. S/o Sivalingam	A+0	56/5	61	Muthumanikam
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02	Kindly give us the copy of Government G.O No. 63 dated 22.11.2017 TN Letter No: 41/A1/2018 dated 16.05.2018	Copy enclosed at <b>Annex - I</b> .																																				
03	We heard that the tower line is passing via under-ground cable in Kerala and why the same cannot be implemented in Tamil Nadu?	In Kerala also via Over-head transmission line of 63 KM being constructed and via Under-ground cable of 28 KM due to the involvement of Wild Life and urban developments. As per the Prior Approval of the Government under Section - 68 (I) of the Electricity Act, 2003, there is no under-ground cable provision in remaining Kerala and Tamil Nadu portion of transmission line.																																				
04	What is the total land required for a single tower?	<p>The tower base area for various type of towers are as below:</p> <table border="1"> <thead> <tr> <th>Tower type</th> <th>Area required in Sq. m</th> <th>Area required in Cents</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>A+0</td> <td>32.30</td> <td>0.80</td> <td rowspan="4">The area indicated is for 320 kV HVDC towers only, applicable for normal towers.</td> </tr> <tr> <td>B+0</td> <td>45.29</td> <td>1.12</td> </tr> <tr> <td>C+0</td> <td>55.67</td> <td>1.38</td> </tr> <tr> <td>D+0</td> <td>63.30</td> <td>1.56</td> </tr> </tbody> </table>	Tower type	Area required in Sq. m	Area required in Cents	Remarks	A+0	32.30	0.80	The area indicated is for 320 kV HVDC towers only, applicable for normal towers.	B+0	45.29	1.12	C+0	55.67	1.38	D+0	63.30	1.56																			
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05	How much distance do we need to leave empty on the either side of the tower?	22 meters on either side from line centre need to be maintained without any infringement to electrical clearances. Except tall growing trees, all other type of crops/trees can be grown within this corridor.
06	Total distance covering in Chettikkapalayam village	This detail can only be provided after completion of corridor survey by Revenue department, which is pending as on date.
07	When will you decide the compensation amount?	<p>The Compensation amount for land affected under tower base and Corridor will be evaluated and furnished by Revenue department, after completing the Revenue Survey.</p> <p>The Compensation amount for crop compensation will be decided based on the certification of VAO and the yielding rates of crops as assessed by District agriculture and horticulture departments, at the time of casting foundation, erection of tower and stringing.</p> <p>The Compensation amount for tree compensation will be decided based on the assessment at site by District agriculture, horticulture and forest departments, and the compensation will be paid by POWERGRID.</p>
08	When will you start the work in Chettikkapalayam	The works at site will be started as and when the land compensation orders are issued, accepted by respective land owners and on payment of compensation through RTGS to the respective land owners.



Abstract

Energy Department – Adoption of Government of India, Ministry of Power, guidelines for payment of compensation towards damages in regard to Right of Way for transmission lines covering 110kv and 230 kv lines and above - orders issued .

Energy (A1) Department

G.O (Ms) No.63

Dated: 22.11.2017

ஹேவிளம்பி வருடம் கார்த்திகை 06,  
திருவள்ளூர் ஆண்டு 2048

Read:

- 1 Government of India, Ministry of Power, Guidelines for payment of compensation towards damages in regard to Right of way for transmission lines, dated 15.10.2015
- 2 From Chairman, TANTRANSO, Letter No. CE/ C/ Tr/ SE/ C-I/ Tr/ D.No.59/16, dated 14.01.2016

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ORDER:-

In the letter second read above, Chairman, TANTRANSO has stated that under the powers conferred in Electricity Act 2003, Indian Telegraph Act 1885, at present TANTRANSO is paying only crop compensation based on the rates assessed by the Revenue authorities for the various types of crops damaged and various types of trees removed which are essentially required to have adequate vertical and horizontal clearances as prescribed by the Indian Electricity Rules, as detailed below:

Voltage class		Ground Clearance	Sectional clearance
Not exceeding	66 kV	4.00 m	3.00 m
Not exceeding	132 kV	4.60 m	3.50 m
Not exceeding	220 kV	5.50 m	4.30 m
Not exceeding	400 kV	8.00 m	6.50 m

He has also stated that the land owners are insisting to pay compensation for the affected land also. Due to non provision for making compensation to land in the Act, the same could not be made to the land owners. The land owners are now being convinced by explaining non provision of compensation to land in the Act. Under these circumstances, the land owners show their objection legally. TANTRANSCO is often being put into struggle with a burden of heavy legal expenses to defend the court cases. Due to this schemes are being getting delayed and could not be brought into beneficial use in time, TANTRANSCO is facing financial losses through the idle investment.

2. The Chairman, TANTRANSCO has further stated that mean while Government of India, Ministry of Power has formulated the following guidelines regarding payment of compensation towards "damages" in regard to Right of Way for Transmission lines as stipulated in section 67 & 68 of the Electricity Act, 2003 read with section 10 and 16 of Telegraph Act, 1885 which will be in addition to the compensation towards normal crop and tree damages. This amount will be payable only for transmission lines supported by a tower base of 66 KV and above, and not for sub-transmission and distribution lines below 66 KV as follows:-

(i) Compensation @ 85% of land value as determined by District Magistrate or any other authority based on Circle rate/ Guideline value/ Stamp Act rates for tower base area (between four legs) impacted severely due to installation of tower/pylon structure.

(ii) Compensation towards diminution of land value in the width of Right of Way (RoW) Corridor due to laying of transmission line and imposing certain restriction would be decided by the States as per categorization/type of land in different places of States, subject to a maximum of 15% of land value as determined based on Circle rate/ Guideline value/ Stamp Act rates.

(iii) In areas where land owner/owners have been offered/accepted alternate mode of compensation by concerned Corporation/ Municipality under Transfer Development Rights (TDR) policy of State, the licensee/Utility shall deposit compensation amount as per (i) & (ii) above with the concerned Corporation/ Municipality/Local Body or the State Government.

(iv) For this purpose, the width of Right of Way corridor shall not be more than that prescribed in the table below and shall not be less than the width directly below the conductors.

Right of Way width for different voltage line as per the Ministry of Environment and Forests guidelines dated 05.05.2014 is as follows:-

Transmission Voltage	Width of Right of Way (in metre)
66 kV	18
110 kV	22
132 kV	27
220 kV	35
400 kV SC	46
400 kV DC	46
+/- 500 kV HVDC	52
765 kV SC (with delta configuration)	64
765 kV DC	67
+/- 800 kV HVDC	69
1200 kV	89

It has been stated to take action accordingly, and the guidelines might not only facilitate an early resolution of right of way issues but also completion of the vital transmission lines through active support of State/UT administration. Finally the States/UTs etc. were requested to take suitable decision regarding adoption of the guidelines, considering that acquisition of land is a State subject.

4. The Government after careful examination of the proposal of Chairman, TANTRANSCO have decided to accept the same. Accordingly, the Government order the adoption of Government of India, Ministry of Power guidelines for payment of compensation towards damages in regard to Right of way for transmission lines covering 110kv & 230kv lines and above as below, subject to the condition that it will be applicable only to new projects with prospective effect:-

- a) Compensation @ 85% of land value as determined by District Magistrate or any other authority based on Circle rate/ Guideline value/ Stamp Act rates for tower base area (between four legs).

b) Compensation towards diminution of land value in the width of Right of Way (RoW) Corridor due to laying of transmission line, subject to a maximum of 15% of land value as determined based on Circle rate/ Guideline value/ Stamp Act rates.

5. This order issues with the concurrence of Finance Department, vide its U.O.No 4555/ACS (F)/ P/2017 dated 22.11.2017.

(BY ORDER OF THE GOVERNOR)

VIKRAM KAPUR,  
PRINCIPAL SECRETARY TO GOVERNMENT.

To  
The Chairman, TANTRANSKO/ CMD, TANGEDCO  
Chennai - 2  
All District Collectors

Copy to:

Joint Secretary (Trans) Ministry of Power, Government of India, New Delhi.  
The Chairman cum Managing Director, Power Grid Corporation, New Delhi.  
The Senior PA to Hon'ble Chief Minister, Chennai -9.  
The Senior PA to Hon'ble Deputy Chief Minister, Chennai -9.  
The Senior PA to Hon'ble Minister for (Electricity, Prohibition and Excise)  
Chennai -9.  
Senior PS to Principal Secretary to Government, Energy Department,  
Chennai -9.  
MA &WS / RD & PR/ Finance / Revenue Department, Chennai-9.  
SF/SC.

//Forwarded By Order//

*edv*  
22-11-2017  
SECTION OFFICER

*edv*  
22-11-17